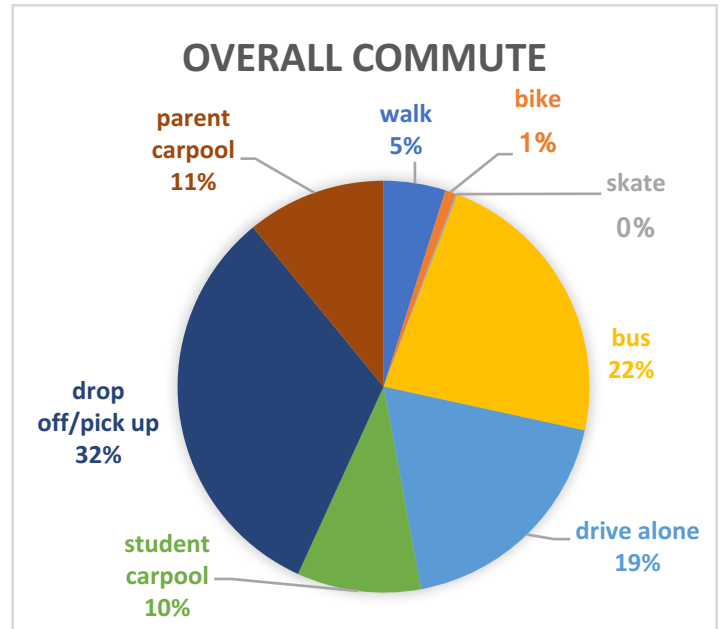


High School Transportation Survey Narrative

Overall

- 571 number of students
- 195 Sample size
- 5.3 Average miles traveled to school
- 72% of the time students drive to school
 - 61 % of those students drive 100% of the time.
 - 6% of the time, students walk or bike to school
- 23% students take the bus to school
- 21% of driving trips are carpools
- 2.4 average # of students in the carpool.



Gas, Cost and CO₂ breakdown

Average for one student for one week

Gallons of gas	2.5
Cost of gas	\$ 9.05
Total cost	\$ 29.94
Lbs. of CO ₂	49.8

Average for one student per year (175 days-35 weeks a year)

Gallons of gas	89.2
Cost of gas	\$ 316.64
Total cost	\$ 1,048.01
Lbs. of CO ₂	1742.9

Average for all students for one week

Gallons of gas	1455
Cost of gas	\$ 5,165.83
Total cost	\$ 17,097.59
Lbs. of CO ₂	28434
Tons CO ₂	14

Average for all students for one year

Gallons of gas	50931
Cost of gas	\$ 180,804.16
Total cost	\$ 598,415.70
Lbs. of CO ₂	995205
Tons CO ₂	498

Average savings over the course of the school year by walking or biking one day a week

One Student

Gallons of gas	17.8
Cost of gas	\$ 63.33
Total cost	\$ 209.60
Lbs. of CO ₂	348.6



All students

Gallons of gas	10186
Cost of gas	\$ 36,160.83
Total cost	\$ 119,683.14
Lbs. of CO ₂	199041
Tons CO ₂	100



Assumptions for Calculations

- 22.0 Average mpg for all vehicles
- \$ 3.55 Cost of gas at the time the survey was taken
- \$ 0.57 Cost to own and operate a vehicle per mile
- Pounds of CO₂ burned per mile equals 0.9 for cars, 2.68 for bus.
- 2000 pounds per ton